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**DETAILED ACTION**

The Board of Patent Appeals and Interferences affirmed the rejection(s) against independent claim(s) 1, 9, 16, 22 and 29, but reversed all rejections against claim(s) 7, 8, 14, 15, 19, 20, 24, 25 dependent thereon. The independent claim(s) is/are cancelled by the examiner in accordance with MPEP § 1214.06. Applicant is given a ONE MONTH TIME PERIOD from the mailing date of this letter in which to present the dependent claim(s) in independent form. NO EXTENSIONS OF TIME UNDER 37 CFR 1.136(a) WILL BE GRANTED. Failure to comply will result in cancellation of the dependent claims and the application will be allowed with claim(s) 7, 8, 14, 15, 19, 20, 24, 25. Prosecution is otherwise closed.

Furthermore, it is noted that to satisfy It is noted that based on Supreme Court precedent and recent Federal Circuit decisions, the Office's guidance is that a § 101 process must (1) be tied to another statutory class (such as a particular apparatus) or (2) transform underlying subject matter (such as an article or materials) to a different state or thing. If neither of these requirements is met by the claim, the method is not a patent eligible process under § 101 and should be rejected as being directed to nonstatutory subject matter. See *Diamond v. Diehr*, 450 U.S. 175, 184 (1981); *Parker v. Flook*, 437 U.S. 584, 588 n.9 (1978); *Gottschalk v. Benson*, 409 U.S. 63, 70 (1972); *Cochrane v. Deener*, 94 U.S. 780,787-88 (1876). Thus, an amendment to the claims to include the limitation of the method being performed by a computer is required. During a telephonic conversation with Michael Chang on 07/17/09, the examiner was informed that the inclusion of a computer based claim limitation would be acceptable.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRI V. NGUYEN whose telephone number is (571)272-6965. The examiner can normally be reached on M-F 8:00 AM to 5:30 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vasu Jagannathan can be reached on (571) 272-1119 and Eric Stamber can be reached on (571) 272-6724. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/T. V. N./

Examiner, Art Unit 1796

September 3, 2009

/Eric W. Stamber/

Supervisory Patent Examiner, Art Unit 3622